

Details			Course Under 2021 Scheme		Equivalent Course under the 2022 scheme with syllabus content matching over 60%	
Scheme	Semester	Branch	Subject Code	Subject Name	Sub Code	Subject Name
2021	1	ALC	21EME15	Elements of Mechanical Engineering	BEMEM103	Elements of Mechanical Engineering
2021	1	ALP	21EVN15	Engineering Visualization	BCEDK203	Computer-Aided Engineering Drawing
2021	2	ALC	21EME25	Elements of Mechanical Engineering	BEMEM103	Elements of Mechanical Engineering
2021	2	ALP	21EVN25	Engineering Visualization	BCEDK203	Computer-Aided Engineering Drawing
2021	2	ALP	21PHYL26	Engineering Physics Laboratory		No Equivalent Course
Scheme	Semester	Branch	Subject Code	Subject Name	Sub Code	Subject Name
2021	3	ME	21ME32	Metal casting, Forming and Joining Processes	BME302	Manufacturing Process
2021	3	ME	21ME33	Material Science and Engineering	BME303	Material Science and Engineering
2021	3	ME	21ME34	Thermodynamics	BME304	Basic Thermodynamics
2021	3	ME	21MEL35	Machine Drawing and GD & T		No Equivalent Course
2021	3	ME	21SCR36	Social Connect and Responsibility	BSC307	Social Connect and Responsibility
2021	3	ME	21ME381	Introduction to Python		No Equivalent Course
2021	3	ME	21ME382	Fundamentals of Virtual Reality	BME358B	Introduction to Virtual Reality
2021	3	ME	21ME383	Digital Society		No Equivalent Course
2021	3	ME	21MATDIP31	Additional Mathematics - I		No Equivalent Course

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2021	4	ME	21ME42	Machining Science and Jigs & Fixtures		No Equivalent Course
2021	4	ME	21ME43	Fluid Mechanics	BME403	Fluid Mechanics
2021	4	ME	21ME44	Mechanics of Materials		No Equivalent Course
2021	4	ME	21BE45	Biology for Engineers	BBOK407	Biology For Engineers
2021	4	ME	21MEL46	Mechanical Measurements and Metrology Lab	BME404 lab	Mechanical Measurements and Metrology
2021	4	ME	21ME481	Spread sheets for Engineers	BME358C	Spreadsheet for Engineers
2021	4	ME	21ME482	Introduction to AI AND ML		No Equivalent Course
2021	4	ME	21ME483	Fundamentals of Augmented Reality	BME657D	Introduction to Augmented Reality
2021	4	ME	21UH49	Universal Human Values	BUHK408	Universal Human Values
2021	4	ME	21INT49	Inter/Intra Institutional Internship		No Equivalent Course
2021	4	ME	21MATDIP41	Additional Mathematics - II		No Equivalent Course

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2021	5	ME	21ME51	Theory of Machines	BME503	Theory of Machines
2021	5	ME	21ME52	Thermo-fluids Engineering (IPCC)		No Equivalent Course
2021	5	ME	21ME53	Finite Element Analysis		No Equivalent Course
2021	5	ME	21ME54	Modern Mobility and Automotive Mechanics	BME654D	Modern Mobility
2021	5	ME	21MEL55	Design Lab	BME606L	Design lab
2021	5	ME	21RMI56	Research Methodology & Intellectual Property Rights	BRMK557	Research Methodology and IPR
2021	5	ME	21CIV57	Environmental Studies	BESK508	Environmental Studies
2021	5	ME	21ME581	Basics of MATLAB	BME657A	Basics of Matlab
2021	5	ME	21ME582	Digital Marketing		No Equivalent Course
2021	5	ME	21ME583	VFX - Visual Effects		No Equivalent Course

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2021	6	ME	21ME61	Production and Operations Management		No Equivalent Course
2021	6	ME	21ME62	Heat Transfer	BME601	Heat Transfer
2021	6	ME	21ME63	Machine Design	BME602	Machine Design
2021	6	ME	21ME641	Supply Chain Management & Introduction to SAP	BME515C	Supply chain management & Introduction to SAP
2021	6	ME	21ME642	Mechatronic System Design		No Equivalent Course
2021	6	ME	21ME643	Autonomous Vehicles		No Equivalent Course
2021	6	ME	21ME644	Internet of Things (IoT)		No Equivalent Course
2021	6	ME	21ME651	Project Management	BME654A	Project Management
2021	6	ME	21ME652	Renewable Energy Power Plants	BME654B	Renewable Energy Power plants
2021	6	ME	21ME653	Mechatronics	BME654C	Introduction to Mechatronics
2021	6	ME	21ME654	Modern Mobility	BME654D	Modern Mobility
2021	6	ME	21MEL66	CNC Programming and 3-D Printing Lab	BME504L	CNC Programming and 3-D Printing lab
2021	6	ME	21MEM67	Mini Project	BME586	Mini Project
2021	6	ME	21INT68	Societal Internship		No Equivalent Course